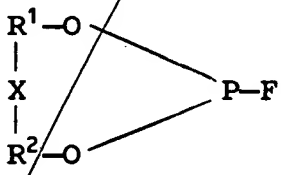
wherein R is a substituted aryl group wherein the substituents are groups selected from the group consisting of sec-alkyl, tert-alkyl, aryl, aralkyl, cycloalkyl, hydroxy, alkoxy, aryloxy, alkoxy-carbonyl, alkoxycarbonylalkyl and acyloxy;

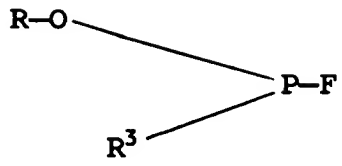
$(R'O-)_2P-F$ Formula VI

wherein R′ is a substituted aryl group wherein the substituents are selected from sec-alkyl, tert-alkyl, aryl, aralkyl, cycloalkyl, hydroxy, alkoxy, aryloxy, halo, acyloxy, alkoxycarbonyl, and alkoxycarbonylalkyl;]



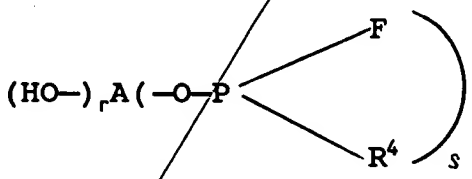
Formula II

wherein R^1 and R^2 are substituted or unsubstituted aryl groups wherein the [substituent] <u>substituents</u> are selected from alkyl, aryl, aralkyl, cycloalkyl, hydroxy, alkoxy, aryloxy, and halo[:], and X is selected from the group consisting of a single bond connecting R^1 and R^2 and divalent bridging groups selected from divalent aliphatic hydrocarbon groups containing 1-12 carbon atoms, —O— and $-S_q-$ wherein q is an integer from 1 to 3[:



Formula III

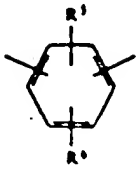
wherein R is a substituted or unsubstituted aryl group wherein the substituents are selected from alkyl, aryl, aralkyl, cycloalkyl, hydroxy, alkoxy, aryloxy, halo, alkoxycarbonyl, alkoxycarbonylalkyl and acyloxy, and R^3 is selected from the group consisting of alkyl, cycloalkyl, aralkyl, aryl, substituted aryl, alkoxy, cycloalkoxy and aralkoxy; and



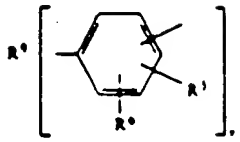
Formula IV

wherein A is a mono- or poly-nuclear aromatic group, R^4 is independently selected from fluorine, aryloxy, alkylaryloxy, alkoxy and polyalkoxy, r is an integer from 1 to 4, s is an integer from 0 to 3 and (r + s) equals the valence of A and A has a structure selected from:

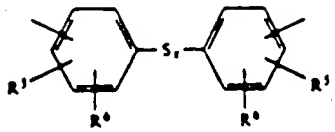
Structure IV (i)



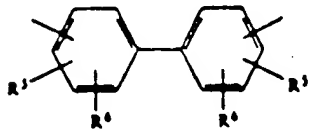
Structure IV (ii)



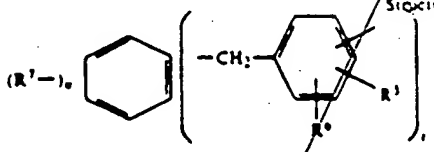
Structure IV (iii)



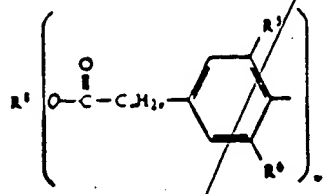
Structure IV (iv)



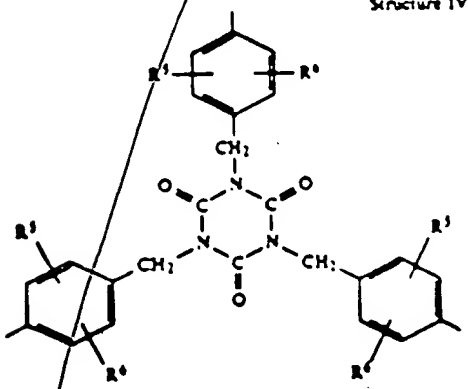
Structure IV (v)



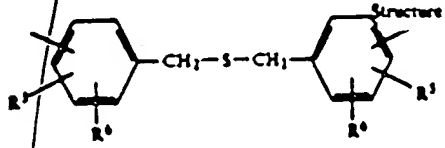
Structure IV (vi)



Structure IV (vii)



Structure IV (viii)



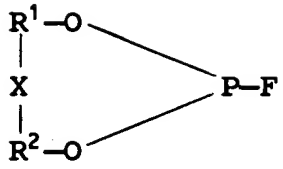
wherein R^5 and R^6 are hydrogen or alkyl having 1-12 carbon atoms with at least one of R^5 or R^6 being an alkyl group, y is an integer from 2 to 3, x is an integer from 1 to 3, t is an integer from 2 to 3, u is an integer from 0 to 4, (t + u) equals 2 to 6, w is an integer from 1 to 4, R^7 is a hydrogen or an alkyl having 1 to 6 carbon atoms, R^8 is an aliphatic hydrocarbon radical having 1-30 carbon atoms and having valence w, v is an integer from 0 to 4, R^9 is an aliphatic hydrocarbon radical having 1 to 6 carbon atoms and having valence y].

Please cancel claims 2, 3, 4 and 6 without prejudice.

9. (Amended) An organic composition of claim 8 wherein said fluorophosphorus compound is selected from the group consisting of compounds having the structures:

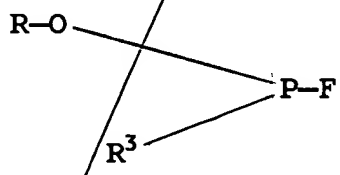
$$(RO-)_nP(-F)_{3-n} \qquad \text{Formula I}$$

wherein R is a substituted or unsubstituted aryl group wherein the substituents are selected from alkyl, aryl, aralkyl, cycloalkyl, hydroxy, alkoxy, aryloxy, halo, alkoxycarbonyl, alkoxycarbonylalkyl and acyloxy and n is 1 or 2[,];



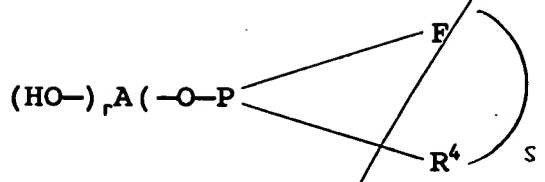
Formula II

wherein R^1 and R^2 are substituted or unsubstituted aryl groups wherein the substituents are selected from alkyl, aryl, aralkyl, cycloalkyl, hydroxy, alkoxy, aryloxy and halo, and X is selected [rom] from the group consisting of a single bond connecting R^1 and R^2 and divalent bridging groups selected from divalent aliphatic hydrocarbons containing 1-12 carbon atoms, —O— and $-S_q-$ wherein q is an integer from 1 to 3; and



Formula III

wherein R is as previously defined for Formula I and [R_3] R^3 is selected from the group consisting of alkyl, cycloalkyl, aralkyl, aryl, substituted aryl, alkoxy, cycloalkoxy, aryloxy and aralkoxy[; and



Formula IV

wherein A is a mono or polynuclear aromatic group, R^4 is independently selected from fluorine, aryloxy, alkylaryloxy, alkoxy and polyalkoxy and r is an integer from 1 to 4, s is an integer from 0 to 3 and (r+s) equals the valence of A].

Please cancel claims 25-31 and 42 without prejudice.

Please add the following new claim 43.

--43. A aromatic fluorophosphorus compound suitable for use as an antioxidant, said compound being selected from the group consisting of bis(2,4-di-tert-butylphenyl) fluorophosphite; bis(4-octadecyloxycarbonylethyl-2,6-di-tert-butylphenyl) fluorophosphite; and 4,4'-Methylenebis(2,6-di-tert-butylphenyl)bis (difluorophosphite).--

REMARKS

Applicants thank the Examiner for the courtesy of the interview on January 28, 1992. The Examiner's Interview Summary Record correctly summarizes the interview. No agreement was reached in the interview, and the Examiner indicated that the substance of applicant's arguments should be set forth in the